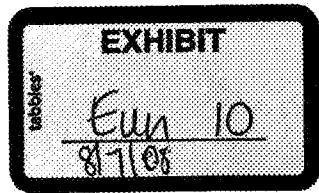


Content Acquisition Strategy Update

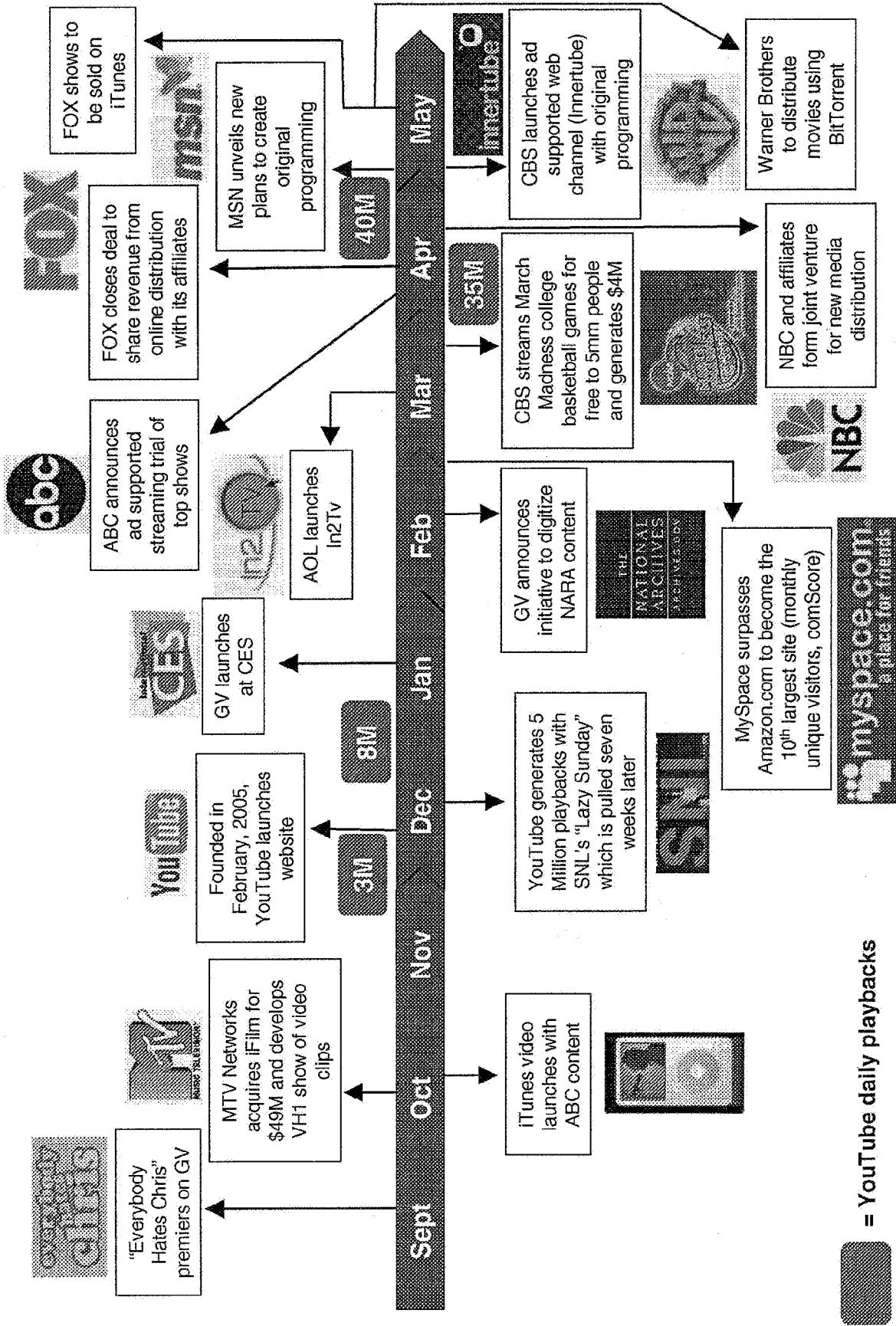
5/2/2006

Highly Confidential



000001-00502665

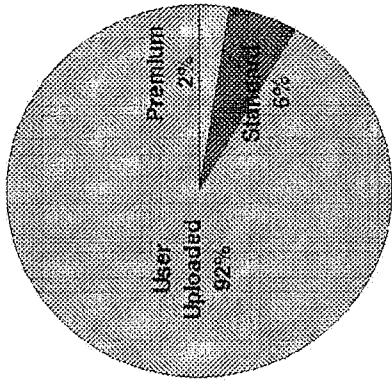
How has the market evolved since CES?



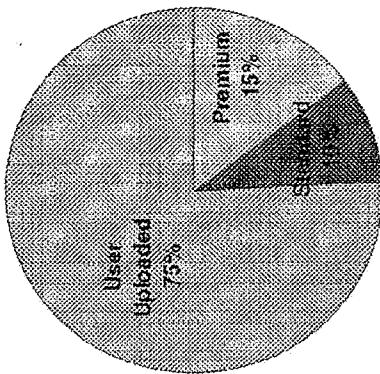
The inventory of acquired content includes all three content types

Acquired

Video Titles
Live in Index
(total 0.7MM)



Video Hours
Live in Index
(total 49K)



Sources: Content stats from VSPDB, Traffic stats from YCSDB - 05/08/06

Premium Content Owners – Lessons Learned

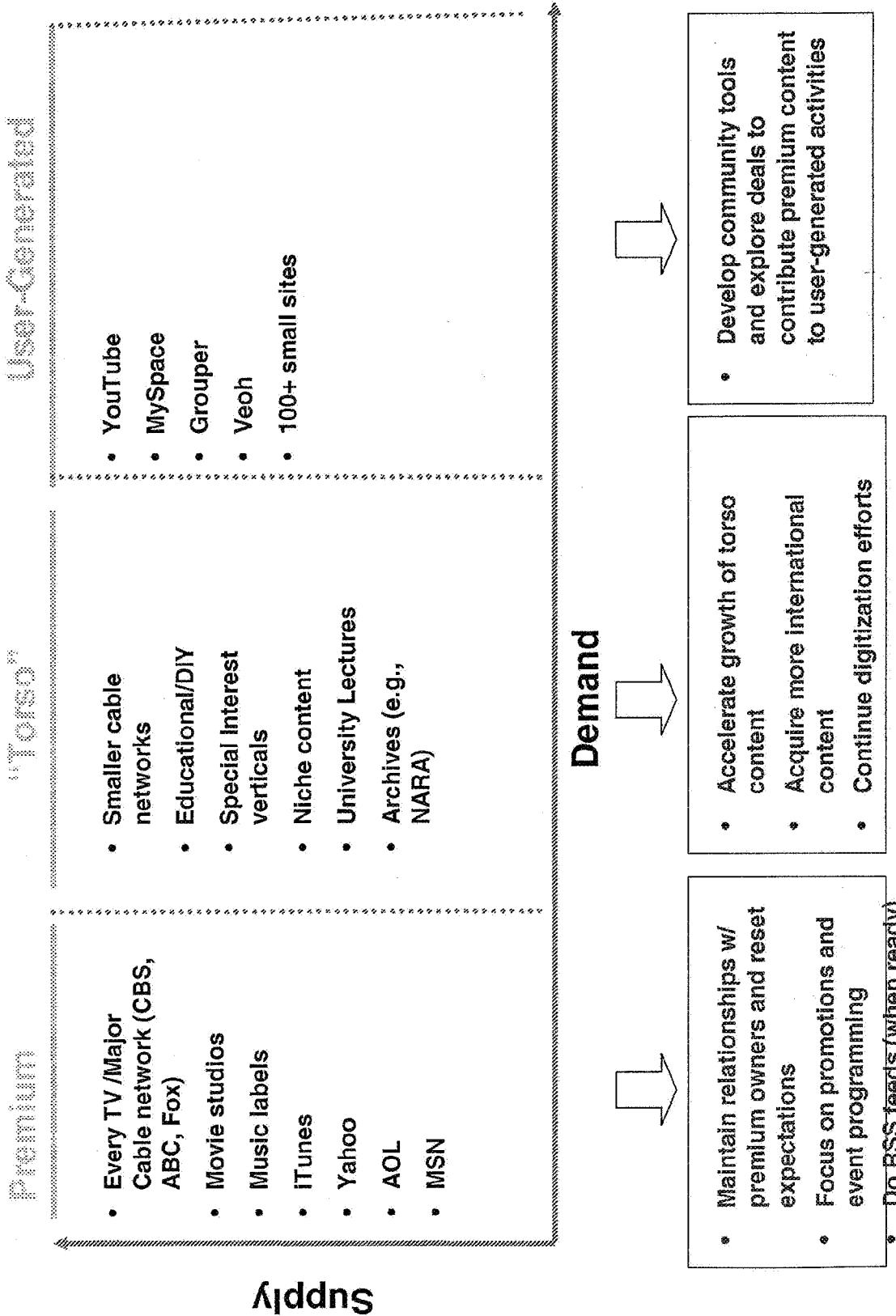
- They still believe their content is king
- They live by promotion, Google does not
- They don't like their content mixed with user-submitted content (better promotion is possible compromise)
- They feel sudden pressure to develop viable online models
- They realize that their #1 current threat is piracy, not cannibalization of current revenue streams through legitimate online use
- They want to "get in the game" and aren't solely focused on short-term revenue
- They want true distribution partner, not just technology platform
- They want to create new "online content" and want funding partners
- They acknowledge You Tube can provide some level of promotion, but (mainly) perceive You Tube as trafficking mostly illegal content – "It's a video Grokster"

Content Acquisition Challenges

Common complaints and deal hurdles from current and prospective partners:

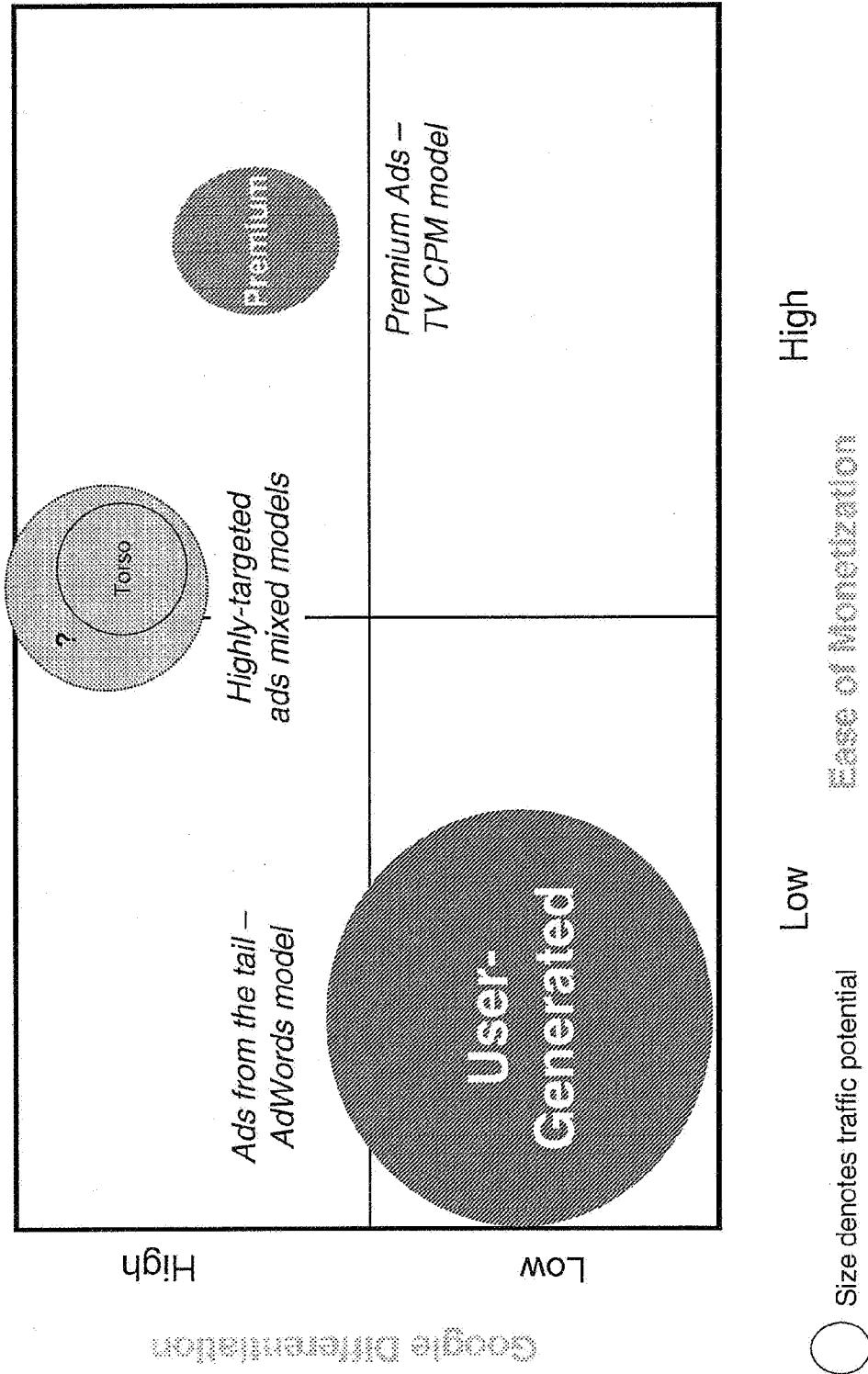
- Disappointing DTO sales and support, and lack of product improvements
 - Significant delays in bringing time-sensitive content online (e.g., CBS and NBA)
 - Can't find partner content
 - Poor search quality, Poor basic browse functionality
 - Lack of content promotion
 - Delays in both one box and RSS integrations
- Apparent lack of understanding of premium partner needs/desires
 - Inflexible # of downloads (fixed at 10; partners want industry std 3-5)
 - Limited value of connected DRM, and no device support
 - Partners live by promotion; Google doesn't seem to get this whereas our competitors do
 - Lack of ad or other monetization models
 - Occasional mistakes in filtering copyright infractions
 - Inability to receive better store analytics and related information
 - Low priority of digitizing from film (vs. tape); also, "restricted site search" not on roadmap
- Perception that Google lacks strategic priorities or has priorities that conflict with partners'
 - Perception of focus on user-generated content
 - Lack of web crawl for video, esp. RSS
 - Appearance of GV as walled garden vs. "switchboard"
- Partners' own confusion and inability to migrate old models to the web

GV can differentiate and win by having most comprehensive content for users worldwide



Monetization Potential of Different Content Types

ILLUSTRATIVE



Final Recommendations/Asks

Asks of EMG:

- Acknowledgement that premium content is being ***significantly deprioritized*** relative to initial CES focus (therefore, many prem. DTO deals won't close in Q6)
- Agreement that ultimate goal should be providing most comprehensive content offering possible (head, torso and long tail), and help set timetable for head
- Need support to:
 - build scalable ads model asap
 - reprioritize RSS to be sooner than end of Q3
 - build flexible DRM by end of Q4
 - improve promotion of partner content asap
 - increase investment in tools and systems for copyright policy enforcement

Appendix

How do we win?

GV can use scale and expertise to have most comprehensive content offerings – from head to tail

- Content types: premium, user generated, torso - which is key differentiator (show curve and add comments)
- Content genres/verticals: entertainment, sports, lifestyle/how to/DIY, archives, news, education, niche, etc.

GV can be best user experience

- Improve search not just hosted content but for all web video content
- Provide linkages such as RSS feeds and one-box integration in meantime
- Drive open standards and distribution deals so users can consume content across multiple devices, especially linking PC to TVs

GV can be best partner to content owners

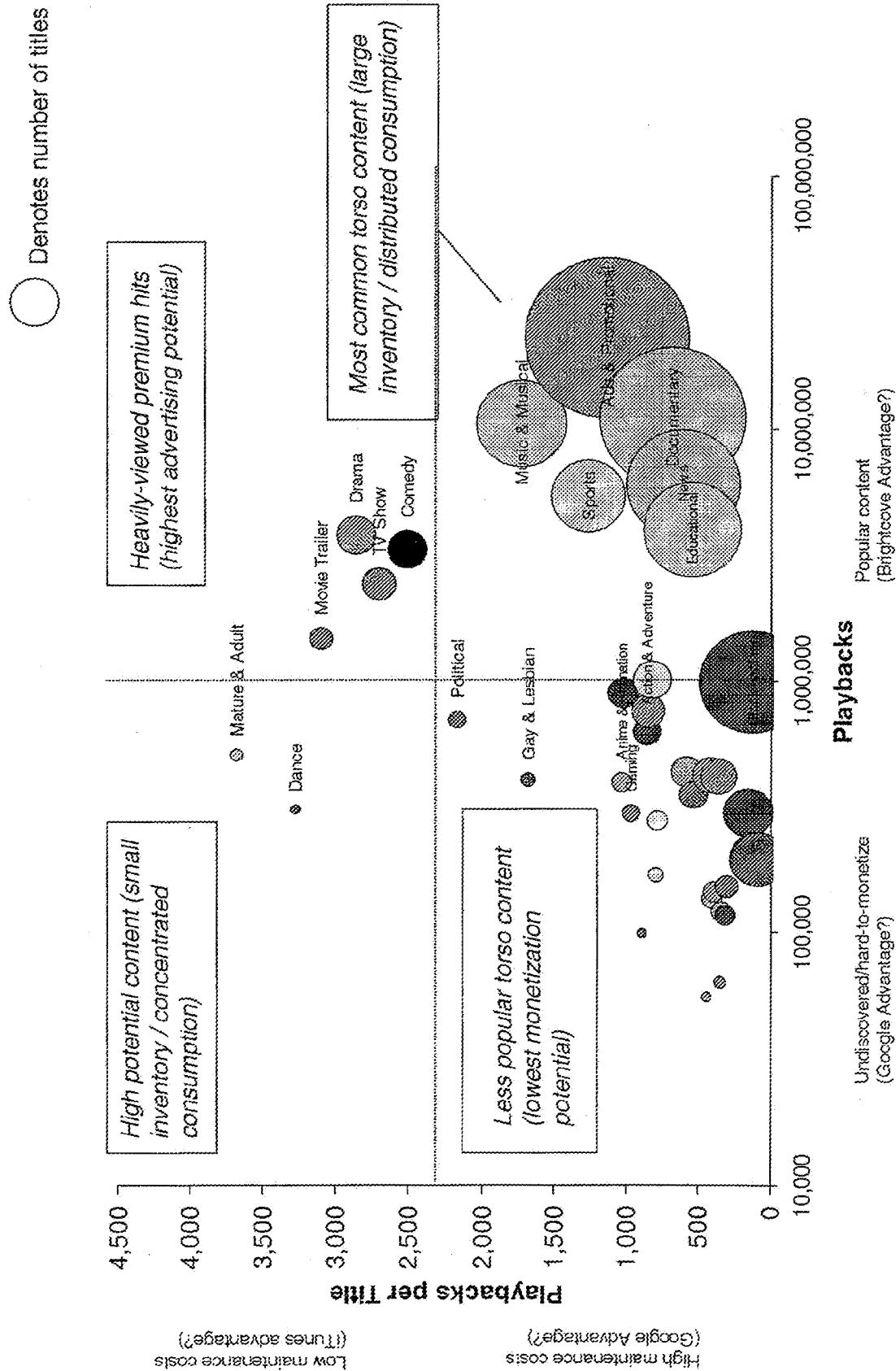
- Respect copyrights of premium content owners (we should beat YouTube by improving features and user experience, not being a "rogue enabler" of content theft)

- Provide best in class marketing/promotion of content, particularly "event" programming: Online Film Festivals; supporting "Tentpole" movie and tv shows launches; Superbowl ads; Oscar trailers/content; (Jennifer, Eva/Jon, Dave)
- Provide a platform for promotion and distribution for torso content owners who have professional content but limited access to audiences
- Provide community tools for voting, rating, tagging, commenting, recommending, mashing, etc. and give access to all types of content, including select premium/torso content

GV can provide multiple monetization options (Advertising; Sponsorships; DTO) and leverage expertise in Advertising in particular

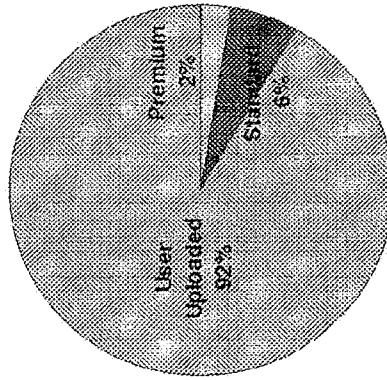
- The way to win ultimately is in providing multiple monetization options, particularly advertising which can be applied across all content types

Partner Content Inventory

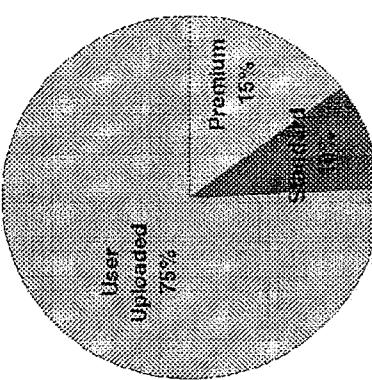


Overall consumption of partner content is played in proportion to its availability in the index

Acquired

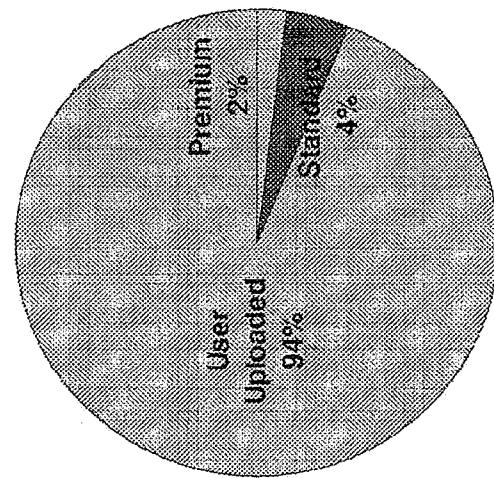


Video Titles
Live in Index
(total 0.7MM)



Video Hours
Live in Index
(total 49K)

Consumed



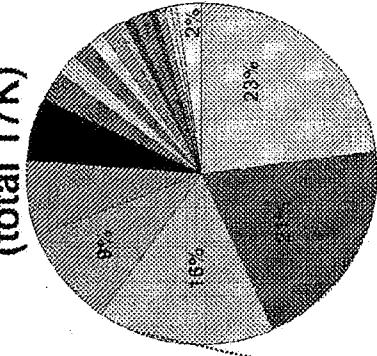
Video Titles
Played (2006)
(total ~1Bn)

Sources: Content stats from VSPDB, Traffic stats from VGSDB - 6/5/08/09

Of the wide range of partner content we have acquired, premium music and standard ads are most often played

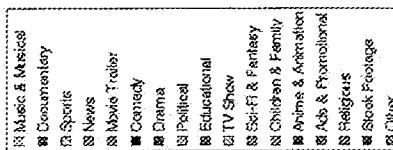
Premium Content

Live Inventory (Titles) (total 17K)

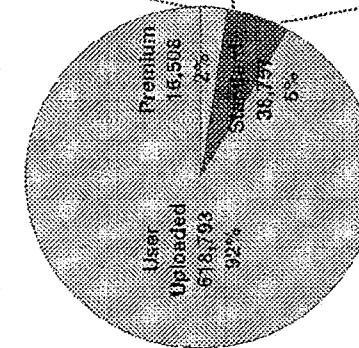


Premium Content

Playbacks (all-time total 19MM)

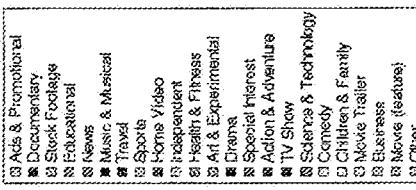


Video Titles Live in Index (total 0.7MM)



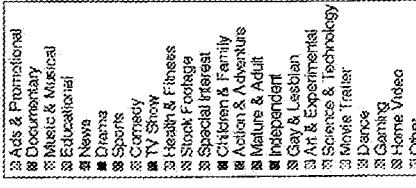
Standard Content

Live Inventory (Titles) (total 40K)



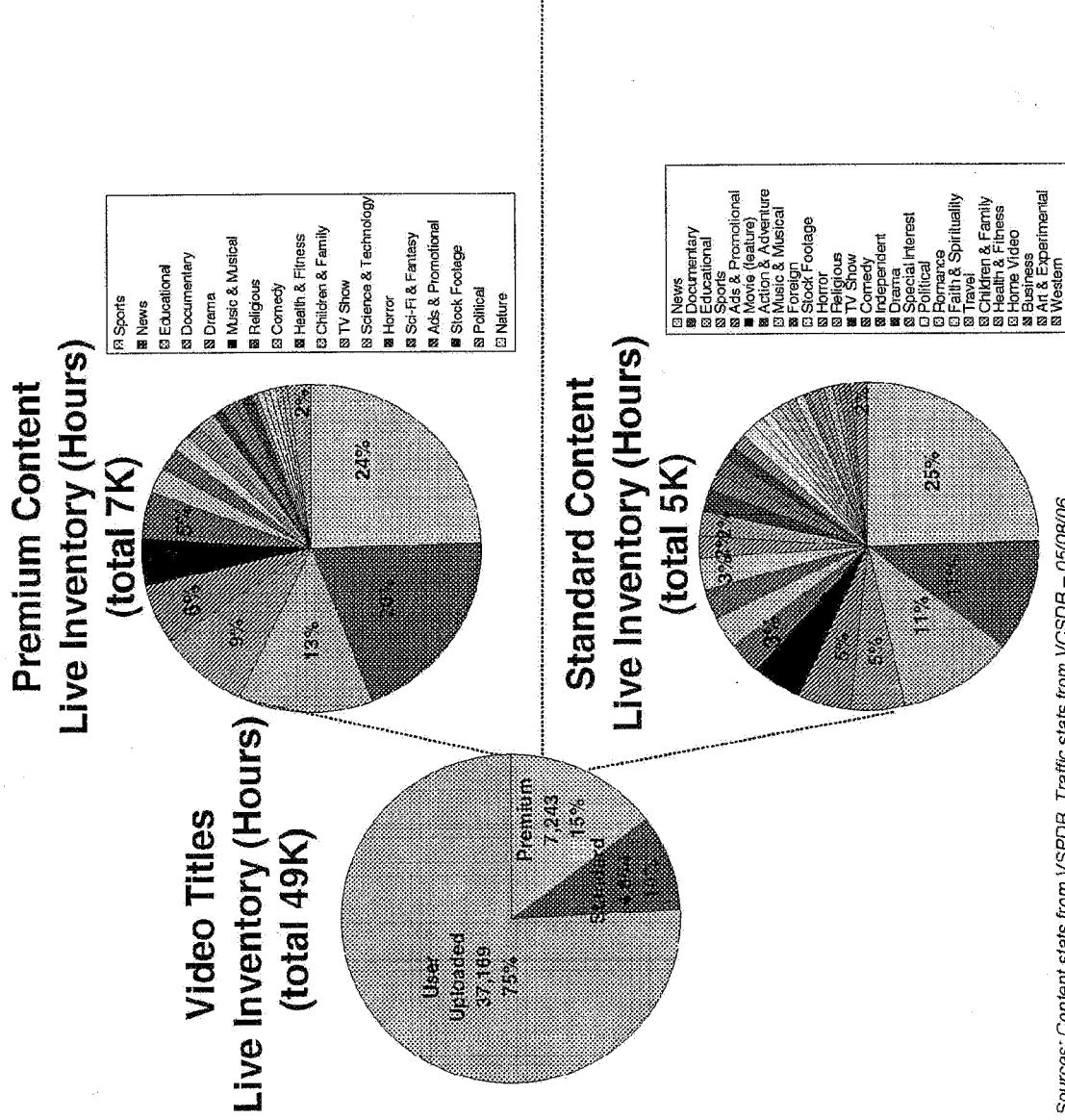
Standard Content

Playbacks (all-time total 43MM)



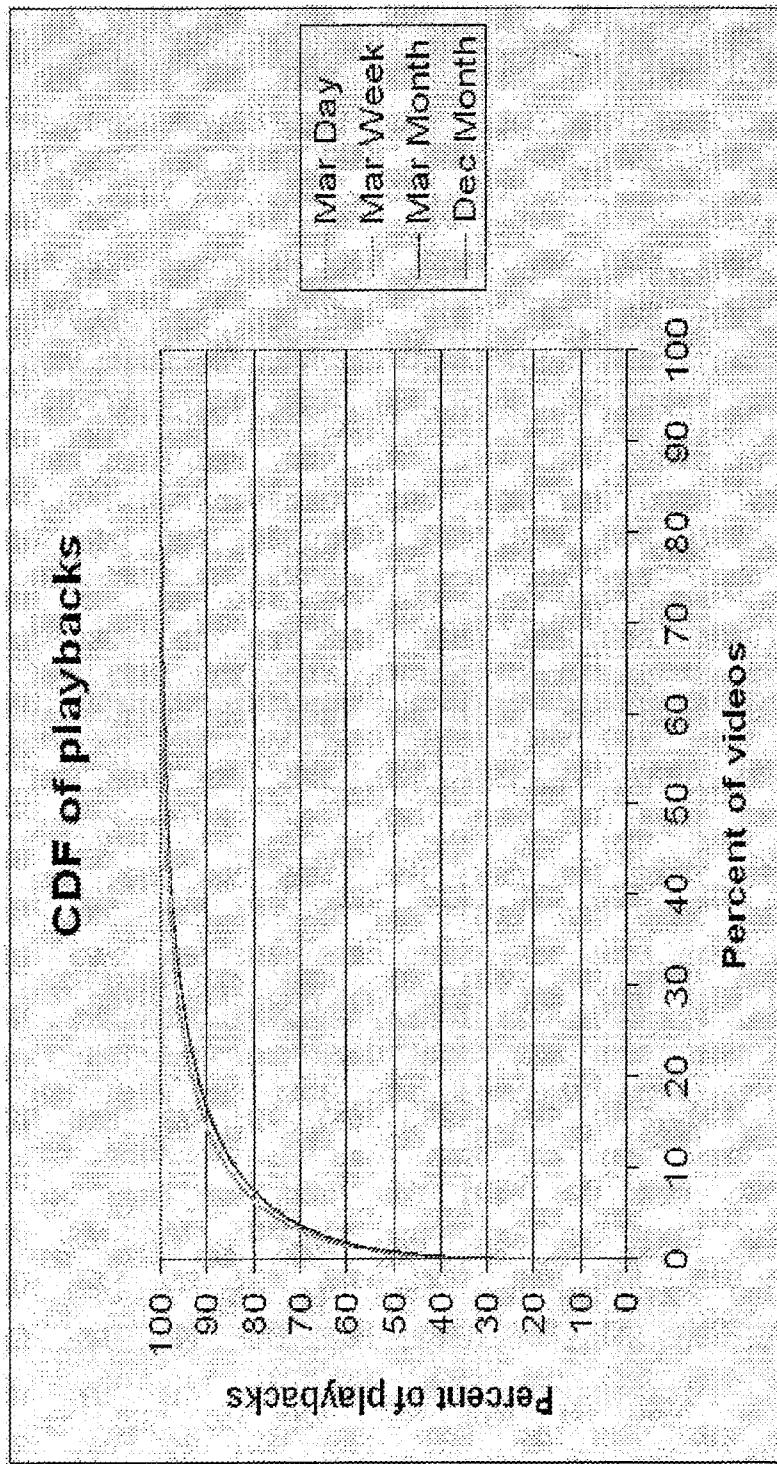
Sources: Content stats from VSEDS, Traffic stats from VCSDB - 05/08/06

News, sports, educational and documentary videos make up the majority of partner content by duration



Sources: Content stats from VSPDR, Traffic stats from VCSDDB - 05/03/06

Usage data indicates that it is not the sheer number of video titles that drives playback, but the quality of videos



Files	Playbacks	Files	Playbacks
Top 10 videos	8.5%	Top 10% of videos	83%
Top 20 videos	10.8%	Top 20% of videos	92%

How is GV doing?

- YouTube is getting more traffic and engagement than Google Video today. In March 2006*:



	YouTube	Google Video
Visitors*	12.8 million	7.9 million
Page Views*	486 million	81 million
Duration*	20m53s	8m40s
Uploads**	1 million	120,000

- Qualitative research in 4 countries reveals the reasons behind this:

- YouTube is designed around the viral video experience. It is clear what the site is about, it promotes uploading, and it makes it easy to browse video categories
- YouTube promotes its viral and community features above all else
- YouTube's content is all free, and much of it is highly sought after pirated clips

* Source: Nielsen/Netratings May 6, 2006; YouTube's PV numbers could be inflated by RSS readers hitting the site

**Source: Company reports

How has International usage differed? What are the learnings?

International: We have to avoid being US-centric since more usage comes from outside the US, where there are big differences in taste and consumption across different countries

- 63% of our playbacks and 40% of our uploads come from outside the US
- Large fraction of videos have large majority of playbacks from a single country (Potential takeaway: different videos resonate in different countries)
- Playback and support for premium vs. user-generated content varies significantly across different countries (Germany vs. Spain)
- Most of the non-US top videos have titles/descriptions not legible in English
- Top videos in non-US countries typically don't get big US viewership

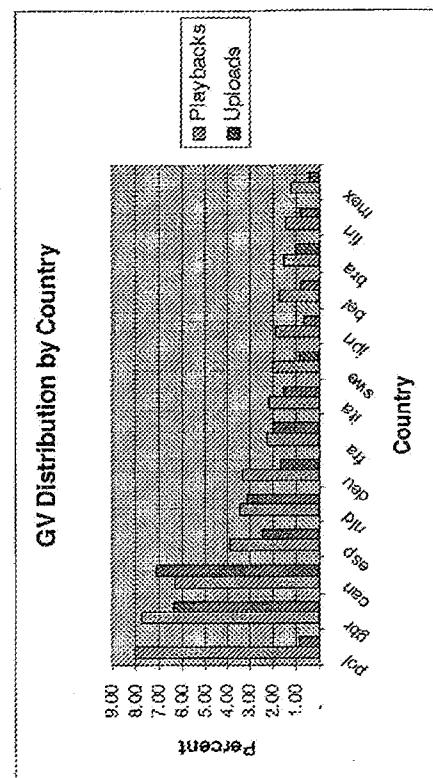
GV internationally

- Europe lags the US in internet video usage, but is quickly catching up. No site has yet built a pan-European presence
 - ... Google Video receives 30% of playbacks from top 7 EU countries

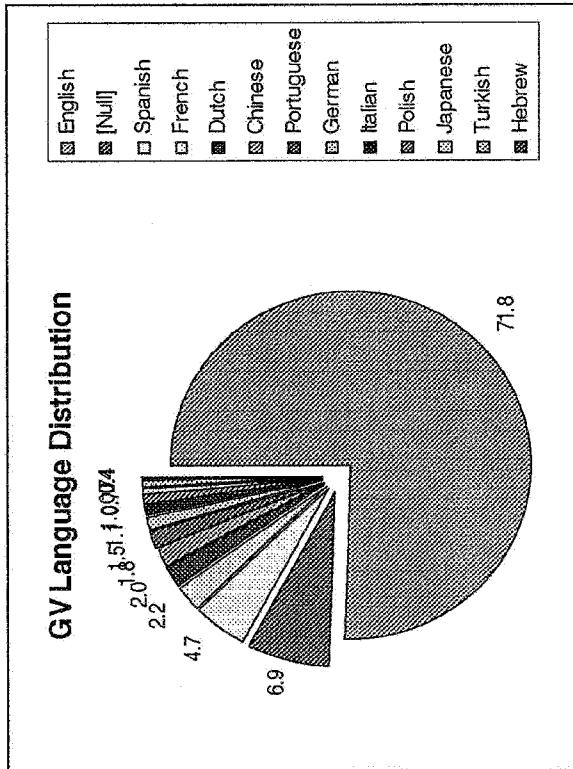
Number of internet users (millions)	Internet users who use video (x month (%)
UK 35	13%
ES 13	27%
FR 25	15%
DE 46	7%
USA 200	46%

Sources: Nielsen NRS (Dec 2003), EAV, Medioscope (Feb 2003), Online Publishers Association (April 2003), Morgan Stanley (April 2003).

Sources: Nielsen/Nielsen (Dec 2005), EIAA, MediaScope (Feb 2006), Online Publishers Association (April 2006), Nilsen, Stanley & April 2006.



- Google Video became an “international product,” even before localized versions were launched
 - 63% of playbacks and 40% of uploads come from outside the US today
 - GV’s top 10 countries are all western countries.
This could be because our uploader and indexing does not fully support CJK characters yet



- Videos in the index are still English-centric, despite the fact that 50% of playbacks come from non-English speaking countries
 - However, analysis shows that the most popular videos requested from non-English speaking countries still get enough playbacks to rise to “global” popularity status
 - This shows a strong demand exists for local content that we need to encourage

Rank	Title	Country	Percent
1	Loose change 2nd ed extra footage	usa	69%
2	Lady punch		72%
3	Amazing juggling		73%
4	Freestyle dancing (2011) (2011)	usa	73%
5	Loose change 2nd edition		70%
6	Co sie stać? Jack to zainisz MAX!	pl	71%
7	Wooden Girls Comedy	pl	76%
8	SO WE PWNED THIS FUNERAL TODAY: SHIT	si	54%
9	Saints aster	pl	43%
10	Russia climbing	ru	28%
11	Začle vymádace kresby	sk	5%
12	Worst music video EVER (Finnish)	fi	2.1%
13	Loose Change 9/11 Alex Jones Conspiracy	ca	64%
14	Indian Exotic dance in Office 2	ca	13%
15	Pretty Greatest Pub Team in World	ca	14%

Important points to make somewhere in the deck:

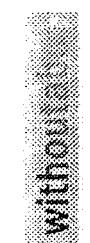
- YouTube's business model is completely sustained by pirated content. They are at the mercy of companies not responding with DMCA requests. When they do (like CSPAN did with S. Colbert), they suffer
- The DMCA law could be overturned if the media industry engages in sustained lobbying efforts (it was written before the viral video craze took off), and it is risky to build an entire business model on this law. *It is also not scalable to expand internationally since DMCA is a US law*
- The YouTube business model is also not monetizable. They are an AdSense publisher, so we have a good sense of their rate of monetization:PV
- YouTube is going after one slice of the internet video market – funny, user-made videos. There is a lot more slices in the pie and GV should try to be the broadest possible index
- We need to continue CBG support for video internationally b/c we don't have good ad monetization solutions yet, and some content producers will only distribute their content if they can sell it
- There is a big market for high quality premium content, but it is largely going to be shorter form, as opposed to 2 hour movies. Perhaps this means we should be working with media companies to get 2-4 minute funny clips from their shows. This will drive traffic, raise awareness of their TV shows (e.g., Lazy Sunday boosted SNL's ratings), and be very monetizable

Content Acquisition Priorities

Content Acquisition Priorities

* Maintain relationships w/ premium content owners and reset expectations

- Continue to push for DTO deals with current features, knowing that uptake will be limited
- For partners resisting DTO in current form:
 - Seek more free promotional content
 - Set up advertising and other monetization trials
- Reset expectations regarding DRM improvements this year
- Focus on one box integration, improved browse/search/promotion capabilities to come, and RSS to come
- Drive traffic through "event" programming
- Set up advertising and monetization trials for current DTO partners
- Differentiate based on our "respect for copyright"



Content Acquisition Priorities (Cont'd)

Content Categories

- * Accelerate growth of "torso" content
 - Health/Fitness (e.g., CareTALK)
 - Educational (e.g., UCTV (Regents of University of California))
 - Faith and Spirituality (e.g. Life Balance Media (LIME))
 - Lifestyle/Arts (e.g., BlueHighwayTV)
 - Travel (e.g. Wilderness Films International)
 - Children and Family (e.g., Sesame Street)
 - Sports (e.g., Collegiate Images)
 - Special Interest (e.g., WheelsTV)
 - Other Niche Content (e.g, Bollywood films)
- * Additional
 - Secure more non-US and non-English language content deals with new partners
 - Continue digitization efforts
 - Consider university lectures pilot



What Features/Infrastructure Needed to Support Content Types?

Must-Have Product Features	
PREMIUM	<ul style="list-style-type: none"> • Home page promotion, branded pages • Browse by provider name • Ranking by video quality/premium partnership • Better search functionality • Fast upload with high service model • Tools for managing large amounts of content • Payment mechanism for DTO • Disconnected DRM and limited devices/downloads • Premium advertising option, control over advertising partners • Statistics on page view/playback/download/payment behavior and demographics by title
TORSO	<ul style="list-style-type: none"> • Search traffic from google.com • Search on provided and processed metadata including provider name • Multi-level granular brows • Featured areas to support standard partner content • Easy upload and takedown • Unified dashboard for tracking partners through the pipeline • Low-hassle digitization assistance • Payment mechanism for DTO • Advertising option to monetize e.g. text ads
USER-GENERATED	<ul style="list-style-type: none"> • Easy upload from web page • User tagging, rating, voting, send-to-friend, myspace integration • Popularity metrics • Standard team feedback B2C/B2B analysis

Source:

Standard team feedback

B2C/B2B analysis

How we plan to boost torso content

INCREASED CONTENT ACQUISITION TEAM ACTIVITY

- Increased staffing in standard team (+2 FTEs)
 - Faster response to user enquiries
 - Accelerated sign-up and upload of content
 - Capacity for proactive outreach
- Identify new target **torso content owners**
 - Existing online video: Glengarry tool
 - In-house tool for PSO identifies web sites with online video files; sorts by quantity of video, by vertical
 - Largely unutilized so far while partner team has been in reactive mode; untapped resources with fast upload path
 - Video not yet online: Business Census (in US); regional targeting (outside US)
 - Prioritization of key verticals & functions with propensity to make video, sufficient revenues per firm
 - In-country groups charged with identifying top XX target content providers and reaching out

Sources of new standard partners

- Video Inquiry Database
- Contracting Experimental Unicorns
- User Support Emails
- Glengarry: Automatic lead generation
- Premium Partner Pack Drawn
- AdWords/Adsense Relationships
- Asset Management
- Google Grants/Google.org
- Conferences & Webinars

IMPROVED PARTNER VIDEO EXPERIENCE

- Better marketing of new torso content
 - Google Video Blog, Google Picks, Google Partner Pages
- Improved product functionality: working browse and search (coming in Q2)
 - Increase partner satisfaction about visibility of content
 - Increase traffic to partner videos
 - Positive marketing message and references
- Future product functionality (later in 2006)
 - Localized versions of video.google.com homepage and uploader tools
 - Translated metadata, descriptions for finding videos...
 - Option for monetization through text ads

Source: Standard team feedback

Video monetization possibilities

- 1** Sponsored Video – requires high-touch premium content to premium advertiser matching – needs top content and TV-style CPMs to work

Sharing scale of video content	# of people interested in seeing video*	\$ amount advertiser will pay Per stream	movie length (mins)	minutes per ad	# ads per stream	advertising cut to content owner	\$ value to content owner	\$ each advertiser pays
		CPM						
911 Loose change	4,560,448	\$ 10.00	0.01	82	15	5	75%	\$ 171,017
Amazing juggling	2,521,234	\$ 10.00	0.01		2.5	1	75%	\$ 18,909
Airbus build plane	412,772	\$ 10.00	0.01		7	3	75%	\$ 6,482
Octopus eats shark	201,412	\$ 10.00	0.01		2.5	1	75%	\$ 1,511
Jessica Simpson - These boots are made for walkin'	10,000,000	\$ 10.00	0.01		4.1	2	75%	\$ 1,250

- 2** Tip Jar – “busker” or “shareware” model may deliver strong incentives to user uploaders but nothing to corporate partners (Google would pass through all fees)

Sharing scale of video content	# of people interested in seeing video*	Fraction who will tip	Avg tip	\$ value to content owner	Rationale for tipping guesses
911 Loose change	4,560,448	5%	\$ 2.00	\$ 153,605	Big tip for charity or interest group; long highly-edited video, engaged viewers
Amazing juggling	2,521,234	2%	\$ 0.50	\$ 25,212	Viewers impressed - see single beneficiary with talent
Airbus build plane	412,772	0.10%	\$ 0.02	\$ 8	Low tip rate - corporate promo video
Octopus eats shark	201,412	2%	\$ 0.25	\$ 1,007	Viewers impressed - see single beneficiary with good content
Jessica Simpson - These boots are made for walkin'	10,000,000	0.10%	\$ 0.25	\$ 2,500	Low tip rate if it's thought tip goes to Sony

- 3** Text ads – familiar Google technology accessible to smaller advertisers can monetize standard partner and user content (Google could keep a fraction of ad revenues)

Sharing scale of video content	# of people interested in seeing video*	CTR	CPC	movie length (mins)	minutes per ad group	# ads on screen at a time	# ads per stream	\$ value to content owner	\$ each advertiser pays	clicks each advertiser sees
911 Loose change	4,560,448	0.50%	\$ 0.25		82	15	4	75%	\$ 85,508	\$ 5,701
Amazing juggling	2,521,234	0.50%	\$ 0.25		2.5	2	4	75%	\$ 9,455	\$ 3,152
Airbus build plane	412,772	0.50%	\$ 0.25		7	3	4	75%	\$ 3,096	\$ 516
Octopus eats shark	201,412	0.50%	\$ 0.25		2.5	4	4	75%	\$ 755	\$ 252
Jessica Simpson - These boots are made for walkin'	10,000,000	0.50%	\$ 0.25		4.1	2	4	75%	\$ 35,000	\$ 1,007

* based on April 2006 actual playbacks (except Ms Simpson)

Source: Playbacks and movie length real data (apart from Ms Simpson); all else “what-if” analysis by BizOps

Decisions on copyright policy and product features will significantly impact the activities of the content team in 2006

Priorities of content team

- Keep premium and standard teams separate
 - Build premium relationships through multi-property deals
 - Engage premium partners in supporting crawl and metadata extraction efforts
 - Seek multi-language support from existing premium partners
 - Engage premium partners on enabling viral clips
 - Communicate to premium partners no material DRM improvements this year
 - Engage premium partners in sponsored content streaming ad test/deployment only – otherwise move premium team to standard content acquisition effort
 - Focus on securing non-US and non-English language content deals with new partners
 - Await improvements in search and browse to produce real data on user preferences to guide further partner content acquisition
 - Increase staffing and/or resources to content acquisition, ops and legal teams to handle complaints and potential litigation
 - Limit damage through public policy, investor relations, press and premium partner meetings
 - Support partners' use of review tools
 - Reach out to non-partner content owners – actively promote review tool
-
- With Disconnected DRM & limited devices accelerated to Q2/Q3**
- Status Quo: no DRM changes, no copyright policy changes**
- No DRM changes, loosened copyright policy on short clips**

Potential results of changing copyright enforcement policies

- Likely acceptance among users (especially highly media-aware young demographic)
 - Higher traffic, higher profile as destination site
 - Increased uploads of user content as well as copyrighted content
 - Potential to monetize higher volume of traffic
 - Achieve OKRs on traffic and uploads
- Inability to independently gauge what kind of impact on traffic other options can have
 - Improvements in features and user experience
 - Modifying copyright protection through applying public pressure through increased collaboration with content owners and indirect pressure through press and public policy
- Some content owners sue Google
 - Diversion of management attention
 - Negative PR
 - Potential monetary damages
- Loss of trust from content providers
 - Reduced future access to content
 - Reduced willingness to partner with other Google properties
 - Reduced AdSense partnerships and revenues (not just in Video)
- Inconsistent with assertions in book search and library partner program for respecting copyrights
 - Press, public and potentially courts will see loosening of video standards as sign of overall approach to copyrights
- Loss of trust from advertisers
 - Wish to avoid negative associations
 - Reduced ad revenues

Speaker Notes Slide: 2
"Everyone hates Chris" launch on GV - 9/23/05

iTunes launch with ABC - October, 2005

YouTube launch - February, 2005 (Not shown on timeline)

GV launch at CES - January 8, 2006

CBS puts programs on 3 platforms (comcast, satellite, gv) plus their own .com

iTunes announces 15 millionth video download (from email I sent from PaidContent estimating 700k iTunes sales/week) - Feb, 24, 2006
SNL "Lazy Sunday" puts YouTube on the map - episode aired December 17th, 2005. It attracted about 5 million online views before NBC asked that it be removed

AOL launches In2TV - 3/15/06

Yahoo says it's scaling back on original programming - March 2, 2006

MFV announces re-org, big plans new media distribution, (let's also see if we can find out when they acquired iFilm and when their show on VH1 taking clips from iFilm first aired) (background bullet on ~4 similar "clips shows" on air and 9 in development) - the iFilm acquisition was Oct. 14, 2006 for \$49 Million. The "Best of Web Video" TV show with VH1 first aired on Jan. 13, 2006.

CBS streams NCAA championships for free and reports it generated \$4mm in revenues mid March through end of March, 2006

FOX closes landmark deal with affiliates

NBC and affiliates form joint venture for new media distribution - April 19, 2006

GV announces initiative to digitize NARA content - 2/24/06

ABC announces ad supported streaming trial of top shows - announced April 10, 2006; trial is for May and June, 2006

MSN unveils new plans to create original programming - May 3, 2006

CBS iInetube - 5/4/06

Some bullet that speaks to tremendous growth rate/volume of user-generated content

Others? This is a lot already but skews toward the "head" content; we may need more "tail" bullets and more about "torso", e.g., GV announces initiative to digitize NARA content
Message we're trying to communicate: The market is very young but extremely fast-moving; premium content owners have really become more aggressive and open to experimentation; user-generated trend is huge

Speaker Notes Slide: 5
Offer GV distribution/promotional prowess to those who don't have scale

Speaker Notes Slide: 6

In addition to premium content, "torso" content presents opportunities for competitive differentiation
Leverage GV promotion, traffic, tools for professional content owners who don't have scale
Take advantage of more relaxed DRM requirements among this class of owners
Few competitors will have resources or expertise to identify and close large volumes of torso deals

Speaker Notes Slide:

7 Overview of Google and our portfolio

Speaker Notes Slide: 10
Overview of Google and our portfolio

Speaker Notes Slide: 21
Offer GV distribution/promotional prowess to those who don't have scale

Speaker Notes Slide: 22
Offer GV distribution/promotional prowess to those who don't have scale

Speaker Notes Slide: 23
Overview of Google and our portfolio